愛媛県・県立入試計算問題練習

201

1 $(-9)+(-2)$

2 $0.2\times(-0.3)$

3 $3(2x-4y+1)-2(x-3y-7)$

4 $45ab^2\div3b\div5ab$

5 $(\sqrt{8}+1)(\sqrt{8}+3)-\dfrac{16}{\sqrt{8}}$

6 $(x+2)(x-5)-(x-7)^2$

202

1 $21\div(-7)$

2 $-\dfrac{3}{4}+\dfrac{7}{6}$

3 $4(2x-3y)-3(x-4y-5)$

4 $30a^2b\div12a^2\times4ab$

5 $(\sqrt{12}+4)(\sqrt{12}-3)+\dfrac{12}{\sqrt{3}}$

6 $(x+3)(x+5)-(x-3)^2$

203

1 $5\times(-6)$

2 $\dfrac{7}{15}-\dfrac{4}{3}$

3 $5(a-3b+2)-3(a-4b)$

4 $(-6x^2+8x)\div8x$

5 $\dfrac{14}{\sqrt{7}}+(2-\sqrt{7})^2$

6 $(x+5)^2-(x+4)(x-4)$

204

1 $-7+5$

2 $3(a+3b-1)+2(a-3b)$

3 $(15x-5)\times\dfrac{1}{5}x$

4 $(\sqrt{3}+2)^2-\dfrac{9}{\sqrt{3}}$

5 $(x+2)(x-2)-(x-5)(x+3)$

205

1 $(-5)\times6$

2 $4(2x+y)-3(x-2y)$

3 $(20a^2+8ab)\div4a$

4 $\sqrt{18}+\dfrac{6}{\sqrt{2}}-5\sqrt{2}$

5 $(x+2)(x-6)-(x-6)^2$

206

1 $5+(-8)$

2 $(21ab^2+6ab)\div3ab$

3 $(\sqrt{6}-1)^2+\dfrac{12}{\sqrt{6}}$

4 $(x-2)(x+3)-(x+2)(x-2)$

5 $\dfrac{1}{4}(2x+1)-\dfrac{1}{6}(x-1)$

207

1 $(-5)+(-4)$

2 $0.3\times(-0.4)$

3 $4(2x-3y+1)-3(x-5y-2)$

4 $36ab^2\div3b\div4ab$

5 $(\sqrt{12}+1)(\sqrt{12}+4)-\dfrac{18}{\sqrt{12}}$

6 $(x+1)(x-5)-(x-6)^2$

208

1 $24\div(-6)$

2 $-\dfrac{1}{4}+\dfrac{5}{6}$

3 $4(x-3y)-3(x-2y-1)$

4 $35a^2b\div15a^2\times3ab$

5 $(\sqrt{8}+5)(\sqrt{8}-3)+\dfrac{6}{\sqrt{2}}$

6 $(x+3)(x+5)-(x-6)^2$

209

1 $6\times(-9)$

2 $\dfrac{11}{15}-\dfrac{4}{5}$

3 $5(a-3b+2)-3(2a-b)$

4 $(-8x^2+9x)\div12x$

5 $\dfrac{18}{\sqrt{6}}+(1-\sqrt{6})^2$

6 $(x+1)^2-(x+7)(x-7)$

210

1 $-9+7$

2 $3(2a+b-1)+2(a-3b)$

3 $(12x-4)\times\dfrac{1}{4}x$

4 $(\sqrt{7}+2)^2-\dfrac{21}{\sqrt{7}}$

5 $(x+3)(x-3)-(x-5)(x+3)$

211

1 $(-2)\times7$

2 $5(3x+y)-2(x-5y)$

3 $(30a^2+12ab)\div6a$

4 $\sqrt{8}+\dfrac{6}{\sqrt{2}}-4\sqrt{2}$

5 $(x+2)(x-6)-(x-4)^2$

212

1 $3+(-9)$

2 $(24ab^2+9ab)\div3ab$

3 $(\sqrt{5}-1)^2+\dfrac{15}{\sqrt{5}}$

4 $(x-1)(x+6)-(x+5)(x-5)$

5 $\dfrac{1}{4}(5x+3)-\dfrac{1}{6}(x-1)$

213

1 $(-6)+(-4)$

2 $0.2\times(-0.5)$

3 $3(x-5y+3)-2(x-5y-1)$

4 $80ab^2\div4b\div5ab$

5 $(\sqrt{12}+1)(\sqrt{12}+3)-\dfrac{18}{\sqrt{12}}$

6 $(x+1)(x-4)-(x-6)^2$

214

1 $18\div(-3)$

2 $-\dfrac{1}{6}+\dfrac{7}{9}$

3 $4(x-5y)-3(x-3y-1)$

4 $30a^2b\div12a^2\times4ab$

5 $(\sqrt{18}+4)(\sqrt{18}-3)+\dfrac{8}{\sqrt{2}}$

6 $(x+2)(x+6)-(x-7)^2$

215

1 $7\times(-8)$

2 $\dfrac{5}{12}-\dfrac{4}{3}$

3 $5(2a-b+1)-3(a-2b)$

4 $(-9x^2+6x)\div6x$

5 $\dfrac{18}{\sqrt{6}}+(2-\sqrt{6})^2$

6 $(x+3)^2-(x+1)(x-1)$

216

1 $-8+3$

2 $4(a+3b-1)+3(a-4b)$

3 $(14x-7)\times\dfrac{1}{7}x$

4 $(\sqrt{3}+3)^2-\dfrac{12}{\sqrt{3}}$

5 $(x+2)(x-2)-(x-3)(x+2)$

217

1 $(-3)\times8$

2 $3(x+5y)-2(x-3y)$

3 $(20a^2+4ab)\div4a$

4 $\sqrt{12}+\dfrac{12}{\sqrt{3}}-5\sqrt{3}$

5 $(x+2)(x-7)-(x-5)^2$

218

1 $2+(-9)$

2 $(28ab^2+8ab)\div4ab$

3 $(\sqrt{6}-1)^2+\dfrac{18}{\sqrt{6}}$

4 $(x-2)(x+3)-(x+4)(x-4)$

5 $\dfrac{1}{6}(x+5)-\dfrac{1}{9}(2x-1)$

219

1 $(-7)+(-3)$

2 $0.4\times(-0.5)$

3 $3(2x-3y+1)-2(x-3y-5)$

4 $60ab^2\div5b\div3ab$

5 $(\sqrt{8}+1)(\sqrt{8}+3)-\dfrac{12}{\sqrt{8}}$

6 $(x+2)(x-5)-(x-9)^2$

220

1 $27\div(-3)$

2 $-\dfrac{5}{4}+\dfrac{1}{6}$

3 $4(2x-y)-3(x-4y-3)$

4 $27a^2b\div15a^2\times5ab$

5 $(\sqrt{8}+3)(\sqrt{8}-2)+\dfrac{4}{\sqrt{2}}$

6 $(x+5)(x+6)-(x-4)^2$